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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :  
AKIHISA TOMITA : EXAMINER: CHAPEL, DEREK S.  
SERIAL NO: 10/526,047 :  
FILED: JULY 28, 2005 : GROUP ART UNIT: 2872  
FOR: QUANTUM CIRCUIT AND :  
QUANTUM COMPUTER

AMENDMENT

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

In response to the Office Action dated February 1, 2008, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper.

**Remarks** begin on page 7 of this paper.